

Subtype Mapping

Objectives

- State and apply the table, column, identifiers, relationship, and integrity constraint rules for mapping supertype implementations
- State and apply the table, column, identifiers, relationship, and integrity constraint rules for mapping subtype implementations
- State and apply the table, column, identifiers, relationship, and integrity constraint rules for mapping supertype and subtype arc implementations

Try It / Solve It

1. Transform the PARTNER supertype in the DJ model, using the supertype or single-table implementation.
2. Transform the STAFF supertype in the Global Fast Foods model, using the subtype or two-table implementation.
3. Identify the database rules for each part of the database implementations below.

Supertype implementations

- Table
- Column
- Identifiers
- Relationship
- Integrity constraint rules

Subtype implementations

- Table
- Column
- Identifiers
- Relationship
- Integrity constraint rules

Arc implementations

- Table
- Column
- Identifiers
- Relationship
- Integrity constraint rules